

L 64294-65

ACCESSION NR: AP5020985

and, the filling of the catalyst surface with carbon monoxide was 0.3 of the monomolecular layer. It is shown that the effect of mass transfer processes on the observed reaction rate depends on the concentration of carbon monoxide. At concentrations of carbon monoxide less than certain determined values (for the given experimental conditions) the hydrogenation reaction proceeds under transitional kinetic conditions. The article establishes the temperature dependence of the concentrations at which the process goes over from the kinetic region to the region of internal diffusion, and then to the region of external diffusion. The assumption is advanced that the limiting stage of the process is the interaction of carbon monoxide and hydrogen which are chemisorbed on the catalyst surface.  
Orig. art. has: 7 formulas, 4 figures and 2 tables

ASSOCIATION: Institut fizicheskoy khimii im L. V. Pisarzhevskogo AN UkrSSR  
(Institute of Physical Chemistry, AN UkrSSR)

SUBMITTED: 31 May 63  
NR REF SOV: 008

ENCL: 00  
OTHER: 009

SUB CODE: IC, GC

*28d*  
Card 2/2

VLASENKO, V.M.; ROZENFEL'D, M.G.; RUSOV, M.T.

Investigationg the macrokinetics of the synthesis of methyl alcohol on an industrial catalyst at high pressures. Khim. prom. 40 no.8:577-582 Ag '64. (MIRA 18:4)

VIASENKO, V.M.; KUKHAR', L.A.; RUSOV, M.I.; SAMOHENKO, N.P.

Adsorption of hydrogen and carbon monoxide on a nickel catalyst. Kin. i kat. 5 no.2:337-344 Mz-Ap '64.

(MIRA 17:8)

1. Institut fizicheskoy khimii imeni Pisarchevskogo AN UkrSSR.

SAMCHENKO, N.P.; STREL'TSOV, O.A.; RUSOV, M.T.

Effect of the conditions of reduction on the distribution  
of components on the surface layer of an iron catalyst for  
ammonia synthesis. Kin. i kat. 4 no.6:930-932 N-D 63.  
(MIRA 17:1)

1. Institut fizicheskoy khimii AN UkrSSR.

RUSOV O.A.

U S S R .

The effect of reduction conditions on the activity of the smooth surface of an iron catalyst. A. N. Gerasenkova, M. T. Rusov, and O. A. Strel'tsov. *Doklady Akad. Nauk Ukr. S.S.R.*, 1954, No. 1179-81(1054); cf. O. A. Strel'tsov, *Dissertation*, L. V. Pisarzhevskii Inst. Phys. Chem., Acad. Sci. Ukr. S.S.R., Kiev, 1949.—The effect of reduction conditions in prepn. of an Fe catalyst on its activity was studied by the flow-circulation method. The sample was a thin, smooth Fe foil promoted with Al<sub>2</sub>O<sub>3</sub>. The effect of the rate at which the gas mixt. was removed from the reaction vessel during the reduction on the activity of the catalyst was detd. The results show that the faster the gas mixt. is removed, i.e., the less water vapor in the circulating gases, the higher the catalytic activity.

J. Rovtar Leach

RUSOV, V., inzh.

Combined stand for running-in reductors and testing traction  
engines of trolley buses. Zhil.-kom.khoz. 9 no.12:21-22  
'59. (MIRA 13:4)

(Trolley buses)

RUSOV, V.

Helping to solve urgent production problems. NTO no. 6:14 Je '59.  
(MIRA 12:9)

1. Predsedatel' soveta pervichnoy organizatsii nauchno-tekhni-  
cheskogo obshchestva sanitarnoy tekhniki i gorodskogo kho-  
zyaystva 3-go trolleybusnogo parka.  
(Motorbus lines--Stations)

RUSOV,V.

Improve the system of trolley bus repair. Zhil. kom. khoz. 5  
no.2:15-17 '55. (MIRA 8:6)

1. Glavnnyy inzhener Tret'yego trolleybusnogo depo Moskvy.  
(Trolley buses--Maintenance and repair)

RUSOV, V.

Semiautomatic underground transporter. Zhil.-kom.khaoz. 7 no.12:22-23  
' 57. (MIRA 11:12)

1. Glavnnyy inzhener Tret'yego trolleybusnogo depo Moskvy.  
(Remote control) (Trolley buses--Maintenance and repair)

RUSOV, V.

Safety engineering and labor protection in the Third Trolley Bus  
Station in Moscow. Zhil.-kom. khoz. 8 no.11:11-12 '58.  
(MIRA 11:12)

1. Glavnyy inzhener 3-go trolleybusnogo parka Moskvy.  
(Moscow--Trolley buses--Maintenance and repair)  
(Industrial safety)

RUSOV

IVIN, K., inzhener; RUSOV, V., inzhener.

Freight trolley bus of the type TBU-2. Zhil.-ken.khoz. 7 no.9:22-24  
(MIRA 10:10)  
'57. (Trolley buses) (Freight and freightage)

RUSOV, V.

Automatically operated compressor station. Zhil.-kom.khoz. 6 no.2:  
26-27 '56. (MIRA 9:7)

1.Glavnyy inzhener Tret'yege trolleybusnogo depo Moskvy.  
(Air compressors) (Automatic control)

RUSOV, V.

Mechanizing the work in trolley bus depots. Zhil.-kom.khoz. 4 no.6:  
24-28 '54. (MLRA 7:10)

1. Glavnnyy inzhener Tret'yego trolleybusnogo parka Moskvy.  
(Trolley buses--Maintenance and repair)

RUSOV, V.

Methods for increasing the use of the railway rolling stock  
and lowering its repair costs. Zhil.-kom.khoz. 6 no.7:10-12  
'56. (MLRA 10:2)

1. Glavnnyy inzhener Tret'yego trolleybusnogo depo Moskvy.  
(Streetcars--Maintenance and repair)

RUSOE, V.

Salt of the earth. Nauka i zhyttia 12 no.1:50-51 Ja '63.  
(MIRA 16:3)  
(Artemovsk (Ukraine)---Salt mines and mining)

BUSOV, Vladimir Aleksandrovich; MOLODYKH, I.A., redaktor; OTOCHEVA, M.A.,  
redaktor izdatel'stva; ZHOROV, D.M., tekhnicheskiy redaktor

[Innovations in the repair of trolley buses; work practice of the  
Third Trolley Bus Depot in Moscow] Novos v remonte trolleybusov; iz  
opyta raboty Tret'ego trolleybusnogo depo g.Moskvy. Moskva, Izd-vo  
Ministerstva komunal'nogo khoziaistva RSFSR, 1956. 53 p. (MLRA 9:10)  
(Trolley buses--Repairing)

RUSOV, Vladimir Aleksandrovich; OSTROVSKIY, A.Kh., red.; BOBYLEVA, L.,  
red.izd-va; VOLKOV, S.V., tekhn.red.

[Preventive repair of electric equipment of trolley buses;  
practices of V.N.Sergachev, electrician in the 3rd trolley-bus  
depot in Moscow] Profilakticheskii remont elektricheskogo  
oborudovaniia trolleybusa; opyt slesaria-elektrika 3-go  
trolleybusnogo parka Moskvy V.N.Sergacheva. Moakva, Izd-vo  
M-va kommunkhoz. RSFSR, 1958. 30 p. (MIRA 12:6)  
(Trolley buses--Maintenance and repair)

RUBINSKIY, Nikolay Vasil'yevich; RUSOV, Vladimir Aleksandrovich; SPISKOV,  
Vladimir Stepanovich; MANKOVNIKOV, V.L., red.; CHEKRYZHOB, V.A.,  
red. izd-va; RAKITIN, I.T., tekhn. red.

[Mechanization and automation of maintenance and repair operations  
on trolley buses in the car barn] Mekhanizatsiya i avtomatizatsiya  
rabot po obsluzhivaniyu i remontu trolleybusov v parke. Moskva,  
Izd-vo M-va kommun.khoz.RSFSR, 1961. 145 p. (MIRA 14:11)  
(Trolley buses—Maintenance and repair) (Automatic control)

RUSOV, V. V.

"Semiplant Experiments with the Carbonation of  $(\text{NH}_4)_2\text{SO}_4$  Solutions in Honigmann Apparatus,"  
A. P. Belopol'skiy, A. M. Polyak, N. A. Rubinshteyn, N. P. Aleksandrov, V. V. Rusov, Ye, F.  
Yablonskiy, Works of the Sci Inst of Fert and Insectofung im Ya. V. Samoylov, 1940, 130- 52  
pp. Khim Referat Zhur IV, No 6, pp 83 (1941) (SEE: Inst. Insect/Fung, in Ya. V. Samoylov)

SO: U-237/49, 8 April 1949

SAVEL'YEV, V.P.; KOVAL'SKAYA, A.V.; BERUKOV, F.V.; GALKIN, Yu.F.; KROKHOTIN,  
A.I.; SINEGUBKIN, V.V.; EPSHTEYN, A.L.; TSIRKIN, M.Z.; LAVRUSHINA, N.S.;  
GUBAREV, A.A.; KONTOROVICH, L.M.; KORGLEV, V.N.; USTIMENKO, I.L.;  
KUREVAKOV, S.N.; POLUSHKIN, M.K.; LIBE, N.A.; IVANOV, N.P.; D'YACHENKO,  
S.I.; FILIPPOV, I.F.; KHUTORETSKIY, G.M.; VARTAN'YAN, G.P.; RUSOV, Ye.Kh.;  
BARKAN, L.Z.; KOLONSKAYA, L.M.; GOREATENKO, F.I.

Inventions. Energ. i elektrotekh. prof. no.4:39 C-D 164.  
(MIRA 13:3)

Rus ov, Yes Kh.

SCIENTIFIC-TECHNICAL CONFERENCE ON SHIPBOARD AIR-COOLING SYSTEMS -- Leningrad

(Sakharov, No. 2, Sept 29, 1959, No. 57)

In June 1959, a scientific-technical conference concerned with shipboard air conditioning was held in Nizhnyevartovsk. It was organized by the Council of the Scientific and Technical Society [TZO] or the Nizhnyevartovsk [Noblatrotyrsky] Institute.

Representatives of 138 plants, design bureaus, and educational institutions took part in the conference.

In the opening address, "The Present Situation and Development Plans of Shipboard Air Conditioning," Docent V. M. Burnik delineated the main tasks of the conference as follows: the exchange of information about and the solutions to the problems in the field of planning, testing, and operating air-conditioning systems on maritime and river ships; the critical evaluation of existing norm formulation; the problems of operating noises; research into the problem of the rational use of air; and the miniaturization of air-conditioning systems.

Papers read and discussed at the conference included: "Modern Techniques in Shipboard Air Conditioning" by Docent I. V. Tarabrin, Head,

"Problems of Processing the Hot Air on Maritime Fruit Carriers"

Tech. Sci.; "Problems of Planning and Development Plans for Air Conditioning in India" by Professor V. S. Kharlamov, Dr. Tech. Sci.;

"Present Shipboard Air-Conditioning Techniques in Finland" by A. Ya. Mel'nikov, Eng.; "Refrigerating Machinery for Shipboard Air-Conditioning Systems" by Ye. N. Ruzov, Eng.; "Using High-Pressure Systems for Shipboard Air

Conditioning" by V. V. Lebedev, Cand. Tech. Sci.; "Air-Conditioning Plants for Shipboard Refrigerating Machinery in the USSR During the 1951-1955 Seven-Year Plan" by N. V. Pavlov, Eng.; "The Production of Shipboard Refrigeration Equipment at the Kompressor Plant" by N. G. Emel'yanov, Chief Engineer; "Planning and Operating the First Domestically Produced Air-Conditioning Equipment on River Ships" by V. G. Semenov, Eng.; "The Air-Conditioning System on board the Seagoing RV Pallas Dostoevsky" by V. N. Pruzhanskiy, Eng.; and "The High-Pressure System of Comfortable Air-Conditioning on board the Maritime Dry-Cargo Vessel Leningorsk" by B. T. Ryabochapko, Eng.

Rufov, Yu.N.

S.A. RDX

USSR/Electronics - Gas Discharge and Gas Discharge Instruments H-7

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 12379

Author : Raminir, L.B., Rufov, Yu.N.

Inst : Physics Institute, Academy of Sciences, USSR, Moscow.

Title : The Constancy of the Voltage of Gas Stabilizer Tubes.

Orig Pub : Pribory i tekhn. eksperimenta, 1956, No 1, 98-100

Abstract : A brief report on the contents of work on the display of the most suitable conditions and operating mode of a gas stabilizing tube as a source of a reference voltage in an electronic stabilizer.

Card 1/1

RUSOVA, A.S. (Ternopol')

Evening gatherings of atheists. Nauka i zhyttia 10 no.8:53-55  
(MIRA 13:8)  
Ag '60.  
(Ternopol Province--Atheism)

TEL'IMA, Ye.Ya.; RUDOVYI, D.C.

Seasonal and age related changes in the leaf size of blue alfalfa  
hybrids. Nauch.dokl.vys.shkely; biol.nauki no.4:124-128 '65.  
(MIRA 18:10)

1. Rekomendovana kafedroy botaniki Ural'skogo gosudarstvennogo  
universiteta im. A.M.Ger'kogo.

SRAMKOVA, J.; PINTOVA, M.; RUSOVA, J.; SANDAROVA, D.

Smoking and mental hygiene, Activ. nerv. sup. 6 no.1:109-  
110 '64.

KOLCHINSKAYA, L.M.; RUSOVA, L.A.; MIKHLINA, V.V.

Introducing the manufacture of No.10, 7 nylon cord. Khim. volok.  
no.1:7-8 '62. (MIRA 18:4)

17410-66 EWT(m)/EWA(d)/EWP(e)/EWP(t) IJP(c) JD/EW/JG

ACC NR: AP6004469

SOURCE CODE: UR/0048/66/030/001/0064/0067

AUTHOR: Chistyakov, N.S.; Rusov, G.I.; Bayukov, O.A.; Rusova, S.G.

82

75

B

ORG: Physics Institute of the Siberian Section of the SSSR Academy of Sciences  
(Institut fiziki Sibirskogo otdeleniya, Akademii nauk SSSR)

TITLE: Ferromagnetic resonance in multilayer film systems (Transactions of the  
Second All-Union Symposium on the Physics of Thin Ferromagnetic Films held at Irkutsk  
10 July to 15 July 1964)

SOURCE: AN SSSR, Izvestiya, Seriya fizicheskaya, v. 30, no. 1, 1966, 64-67

TOPIC TAGS: ferromagnetic film, magnetic thin film, iron nickel alloy, cobalt, molybdenum, quartz, laminated material, ferromagnetic resonance, superhigh frequency

ABSTRACT: The authors have investigated the ferromagnetic resonance at 9 kHz of thin ferromagnetic films and multilayer film systems consisting of alternate layers of ferromagnetic alloy and quartz. The films were vacuum evaporated at  $10^{-5}$  mm Hg in a 100 Oe magnetic field at the rate of 60 Å/sec onto glass substrates heated to 200°C. The ferromagnetic resonance absorption was measured in a rectangular cavity resonator excited in the TE<sub>104</sub> mode and having a Q factor of approximately 1000. The 7-mm-diameter circular films, fastened to the end of a brass rod, were introduced into the resonator through a 7 mm diameter hole in the end wall. The resonator was tuned with a teflon rod inserted through a hole in the side wall. The magnetic field was modulated at

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ACC NR: AP6004469

7

435 Hz with a special winding and was given a saw-tooth form by varying the current in the main winding. The resonance curves were displayed on an oscilloscope or recorded with a recording millivoltmeter. Single-layer films of composition 18Fe-79Ni-3Mo<sup>1,2,3</sup> and 17Fe-80Ni-3Co<sup>1,2,3</sup> and thickness from 400 to 2000 Å were investigated. For the Mo-containing films the resonant magnetic field decreased with increasing thickness from 1214 Oe for a 400 Å film to 818 Oe for a 2000 Å film and the width of the resonance ranged between 33 and 47 Oe. This small width of the resonance absorption line is favorable for practical applications. Data are reported on only three Co-containing films. Of these, the thickest (2000 Å) showed two absorption peaks separated by 60-80 Ge. No explanation for this is offered. A 600 Å film had a 34 Oe wide absorption line at 886 Oe and a film of unspecified thickness between 1000 and 2000 Å had a 38-Oe-wide absorption line at 861 Oe. Multilayer film systems having up to 10 layers were investigated. In these systems the metal films were approximately 1000 Å thick and the intervening quartz films were from 1500 to 2000 Å thick. As the number of layers was increased the absorption line became deeper and wider and began to evince complex structure. A ten-layer system clearly showed four resonance peaks separated by 60-80 Oe. This behavior is ascribed partly to dipole-dipole interaction between neighboring layers, as suggested by D.Chen and A.H.Morrish (J. Appl. Phys., Suppl., 33 N 3 (1962)), and partly to the influence of the conditions of deposition. It was found that if the vacuum was broken between deposition of metal and deposition of quartz the structure of the absorption curve of the resulting multilayer system was considerably different from that of a system which was deposited without breaking the vacuum. Auxiliary experiments with single-layer 20Fe-80Ni and 30Fe-45Ni-25Co films with and without quartz coverings

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ACC NR: AP6004469

Showed that the presence of the quartz considerably reduced the strength of the resonant field and increased the width of the resonance. The resonance lines of two-layer systems with quartz between the layers occurred at approximately the same field strength and were of approximately the same width as those of the corresponding single films with quartz coverings.

SUB CODE: 20/ SUBM DATE: none/ ORIG. REF: 003/  
ATD PRESS: 4260 OTH REF: 003

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Card 3/3

ACCESSION NR: AP4034063

S/0126/64/017/004/0623/0624

AUTHORS: Pak, N. G.; Rusova, S. G.

TITLE: Influence of ultrasonic oscillations on some magnetic properties of thin films

SOURCE: Fizika metallov i metallovedeniye, v. 17, no. 4, 1964, 623-624

TOPIC TAGS: ultrasonic oscillation, magnetic property, thin film, permalloy film, iron film

ABSTRACT: The influence of supersonic oscillations on the magnetic properties of thin films (susceptible to various vibrations produced with the help of computer equipment) was investigated. The films were produced by sprinkling powdered material onto glass plates (heated to 200°C) in a vacuum of  $10^{-5}$  mm Hg in a magnetic field of 100 ergs. Some of the samples were subjected to supersonic vibrations (frequencies of 20 kilohertz). These films exhibited no new features, except for a tendency to establish a ferromagnetic domain structure with somewhat more parallel boundaries when demagnetized in an alternating field. The

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ACCESSION NR: AP4034063

domain structure and the hysteresis loops were investigated by the magneto-optical method described by N. G. Pak and S. V. Kan (Pribory i tekhnika eksperimenta, 1963, No. 1, 133). Neither the loops nor the structure changed noticeably in the absence of a field; the structure, however, changed substantially in a fixed constant field. The demagnetization of a permalloy film containing 17% Fe, 80% Ni, and 3% Mo (1300 Å thick) in a constant field of 0.8 erg started at the edges and spread over the film as the intensity of oscillations increased. Similar behavior of the domain structure was also observed on the iron films, but more intensive oscillations were required because of the higher coercive force involved. In general, the ferromagnetic properties of films proved more resistant to external mechanical influences than those of massive samples. Orig. art. has 4 photographs.

ASSOCIATION: Institut fiziki SO AN SSSR (Institute of Physics, SO AN SSSR)

SUBMITTED: 25Jul63

SUB CODE: EM

DATE ACQ: 20May64

NO REF Sov: .003

ENCL: 00

OTHER: 001

Card 2/2

ACC NR: AP6004461 GG

SOURCE CODE: UR/0048/66/030/001/0031/0033

78

B

AUTHOR: Rusova, S.G.; Kan, S.V.

ORG: Institute of Physics, Siberian Section of the Academy of Sciences, SSSR  
(Institut fiziki Sibirskogo otdeleniya Akademii nauk SSSR)TITLE: Stability of the coercive force of thin films. Transactions of the Second  
All-Union Symposium on the Physics of Thin Ferromagnetic Films held at Irkutsk 10  
July to 15 July, 1964

SOURCE: AN SSSR. Izvestiya Seriya fizicheskaya, v.30, no. 1, 1966, 31-33

TOPIC TAGS: ferromagnetic film, magnetic thin film, quartz, iron, permalloy, molybdenum, magnetic coercive force, storage effect, atmospheric humidity, oxidation

ABSTRACT: Eighty films of iron and  $17\text{Fe}-79\text{Ni}-4\text{Mo}$  Permalloy with and without quartz coverings were stored for 200 days at different temperatures and under different conditions of relative humidity, and their coercive force was measured from time to time. The films were vacuum deposited ( $10^{-5}$  mm Hg in a magnetic field of 100 Oe to thicknesses from 400 to 1100 Å onto glass substrates that had been baked out for 4 hours and were maintained at  $200^\circ$  during deposition. On some of the films a  $1000\text{ }\text{\AA}$  layer of quartz was deposited without breaking the vacuum; on other films a  $3000\text{ }\text{\AA}$  layer of quartz was deposited after the film had been exposed to air for 30 min; and a third group of films were left uncovered. The coercive forces were measured after

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Card 2/2

CHRISTYAKOV, N.S.; RUCOV, G.I.; BAYUKOV, O.A.; RUSOVA, S.G.

Ferromagnetic resonance in multilayer film systems. Izv. AN SSSR.  
Ser. fiz. 30 no.1:64-67 Ja '66. (IZDANIE 1981)

1. Institut fiziki Sibirs'kogo otdeleniya AN SSSR.

4700-56 EWT(1)/EWT(m)/T/EWP(t) IJP(c) JD/GG  
ACC NR: AP6014256 SOURCE CODE: UR/0109/66/011/005/0950/0951

AUTHOR: Chistyakov, N. S.; Ignatchenko, V. A.; Bayukov, O. A.;  
Rubova, S. G.

ORG: none

TITLE: Certain UHF properties of multilayer films

SOURCE: Radiotekhnika i elektronika, v. 11, no. 5, 1966, 950-951

TOPIC TAGS: magnetic thin film

ABSTRACT: Transmission and reflection factors of single-layer and multilayer magnetic films were measured in a waveguide system operating at  $\lambda = 3$  cm. Individual films were made by sputtering 17Fe80Ni3Mo alloy on a glass substrate heated to 200°C in a vacuum of  $10^{-5}$  mm Hg and in a magnetic field of  $\sim 100$  oe. Multilayer films were made by insulating each film layer by a layer of SiO 1000 Å thick. Experimental data (see Fig. 1) shows that the transmission factors for multi-layer films (point 1—10 layers, 1000 Å each; point 2—40 layers, 500 Å each) substantially exceeds the same factor for a single layer  $10^4$  Å film (solid line). By breaking the film into layers, but keeping the same total thickness, skin depth is increased. This fact was substantiated by switching the films in a cavity resonator and

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UDC: 539.216.22:621.318.

Card 2/2

MINCULESCU, M.; BIRZU, I.; CRETU, S.; IOVANESCU, F.; IONESCU, D.;  
LUPULESCU, V.; MICHEL, G.; PAULON, S.; ROTARU, A.; RUSOVICI, I.; PAGE 2 OF 2  
ZAHARIA, C.

The first focus of infantile leishmaniasis identified in the  
Rumanian People's Republic. Stud. cercet. inframicrobiol., Bucur.  
6 no.3-4:595-603 July-Dec. 1955.

(LEISHMANIASIS, in inf. & child  
in Rumania, pathol. & epidemiol.)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446120019-3

GROZA, P.; CORNEANU, Maria; RUSOVICI, Lelia; BUSNEAG, C.

Gastric secretion and motility in digitalis intoxication.  
Stud. cercet. fiziol. 10 no.3:245-252 '65.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446120019-3"

NICOLAESCU, T., dr.; FELBERG, B., dr.; RUSOVICI, Lelia, dr.

The value of fractional clearance of BSP in the diagnosis of chronic hepatopathies. Med. intern. (Bucur.) 16 no.8:959-967 Ag '64.

1. Lucrare efectuata in Institutul de fiziologie normala si patologica "Dr. Danielopolu", Bucuresti.

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446120019-3

GROZA, P.; CORNEANU, Maria; RUSOVICI, Lelia; IONESCU, A.

Some special aspects of anaphylaxis. Stud. cercet. fiziol. 10  
no.1:35-41 '65.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446120019-3"

B.J.R.

6354\* Synthesis of Monomers and Properties of Copolymers. (In Russian) B. N. Rusanov and A. M. Shor. *Zhurnal Prikladnoi Khimii*, v. 24, Aug 1951, p. 850-857.

Influence of comparatively large additions of allyl- and vinylmethacrylate on properties of methylmethacrylate copolymers was determined. Data are tabulated and discussed. Methods of synthesis are described.

NICOLAESCU, T.dr.; PARTENI, Lucia, dr. BITTMAN, E. dr.; STOICULESCU, P. dr.;  
DIMITRIU, J. dr.; RUSOVICI, Lelia, dr.

Test with I-131 labeled PVP in patients with chronic hepatopathies and in gastrectomized patients. Med. intern. (Bucur) 10 no.5:541-546 My'64

1. Lucrare efectuata in Sectia clinica a Institutului de fiziologie normala si patologica (director: acad. Gr.Benetato).

RUSP, A.

New dwellings in the Floreasca quarter. p. 1

CONSTRUCTORUL, Bucuresti, Vol 8, No. 315, Jan, 1956

SO: East European Accessions List (EEAL) Library of Congress, Vol 5, No. 7, July, 1956

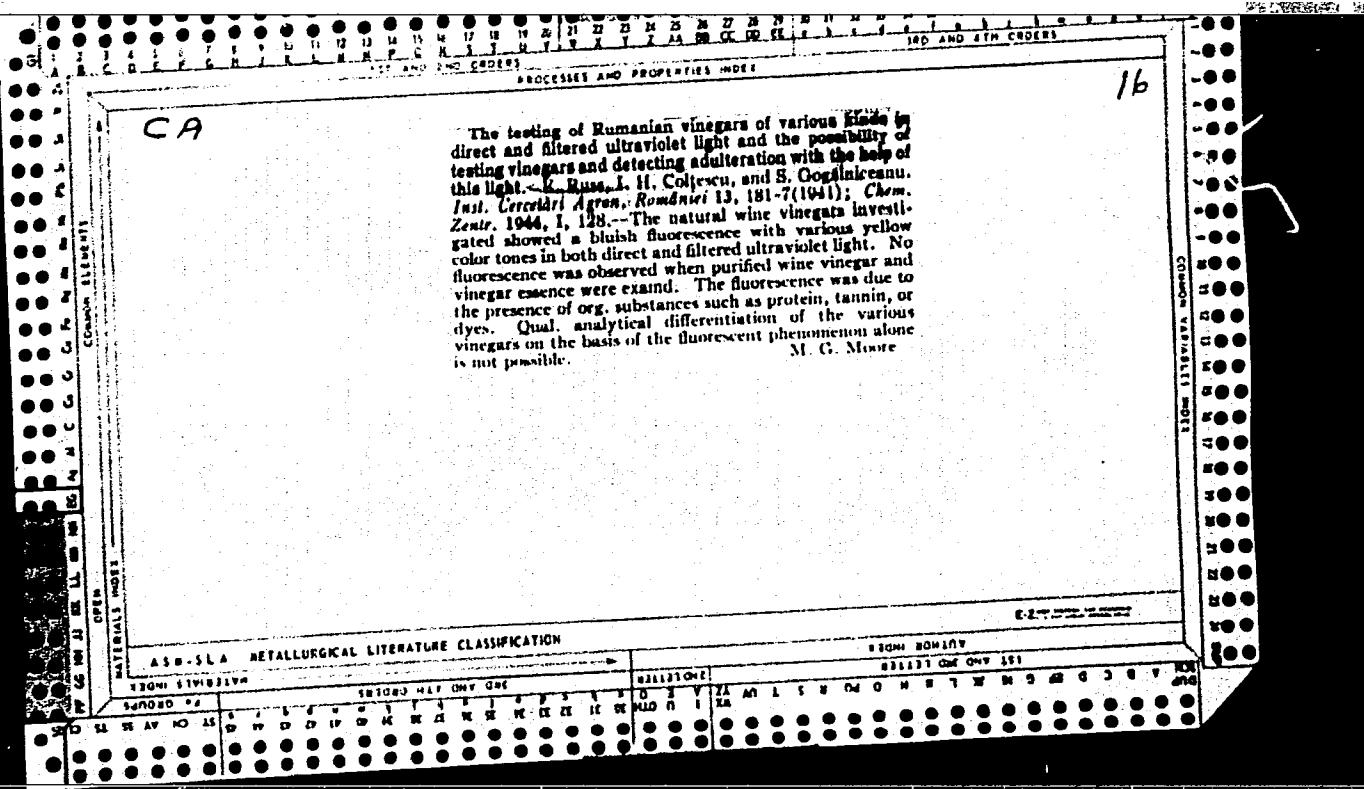
KUSS, C.

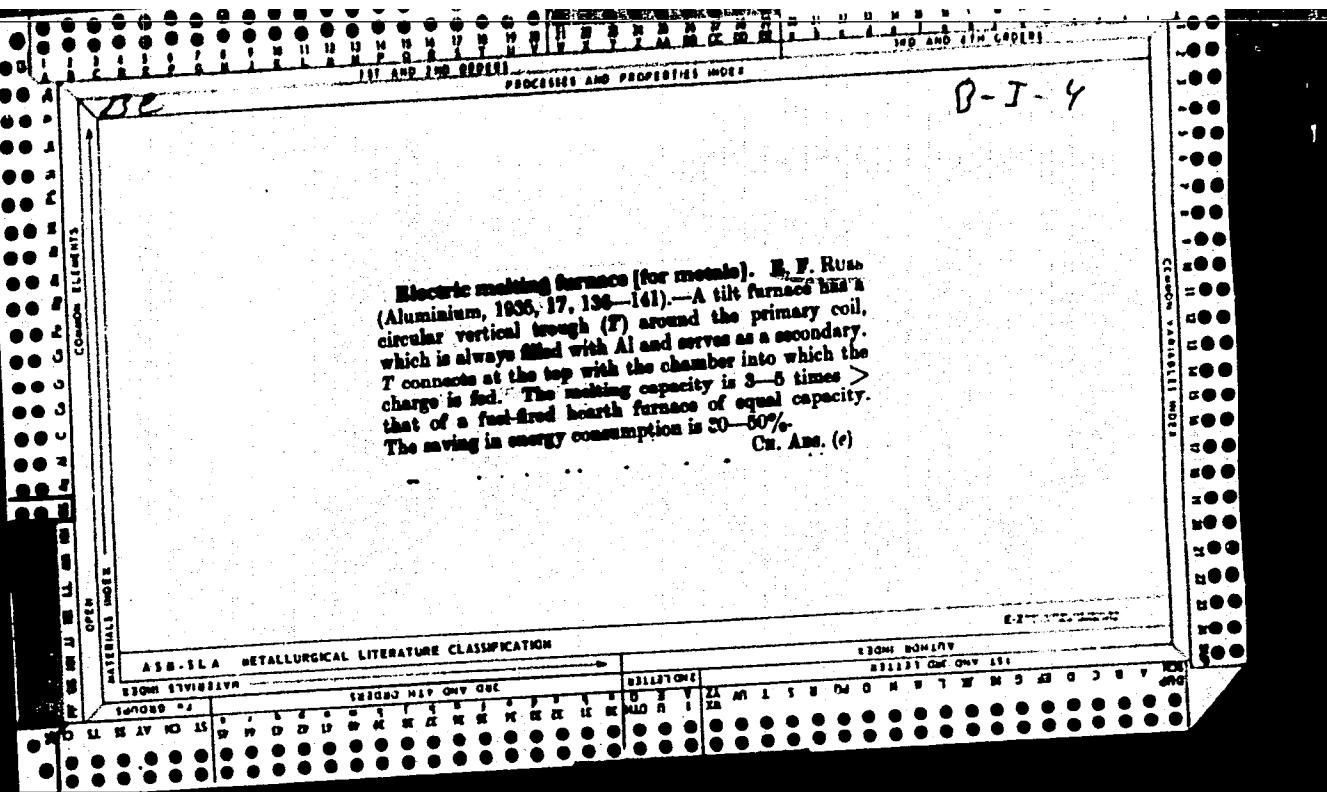
Agriculture

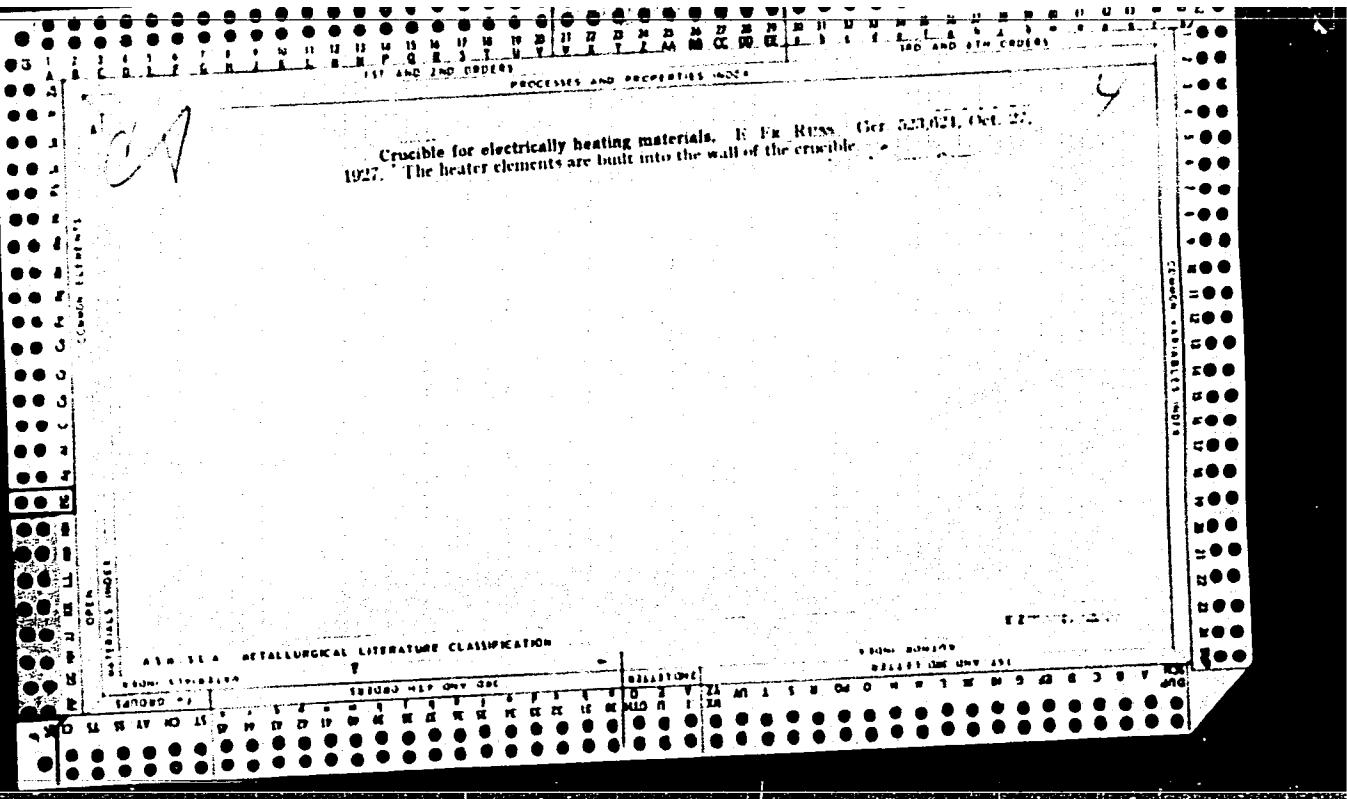
Periodical: SOTSIALISTICKÝ POLÝMÍJANÝS Vol. 14, no. 3, Feb. 1959

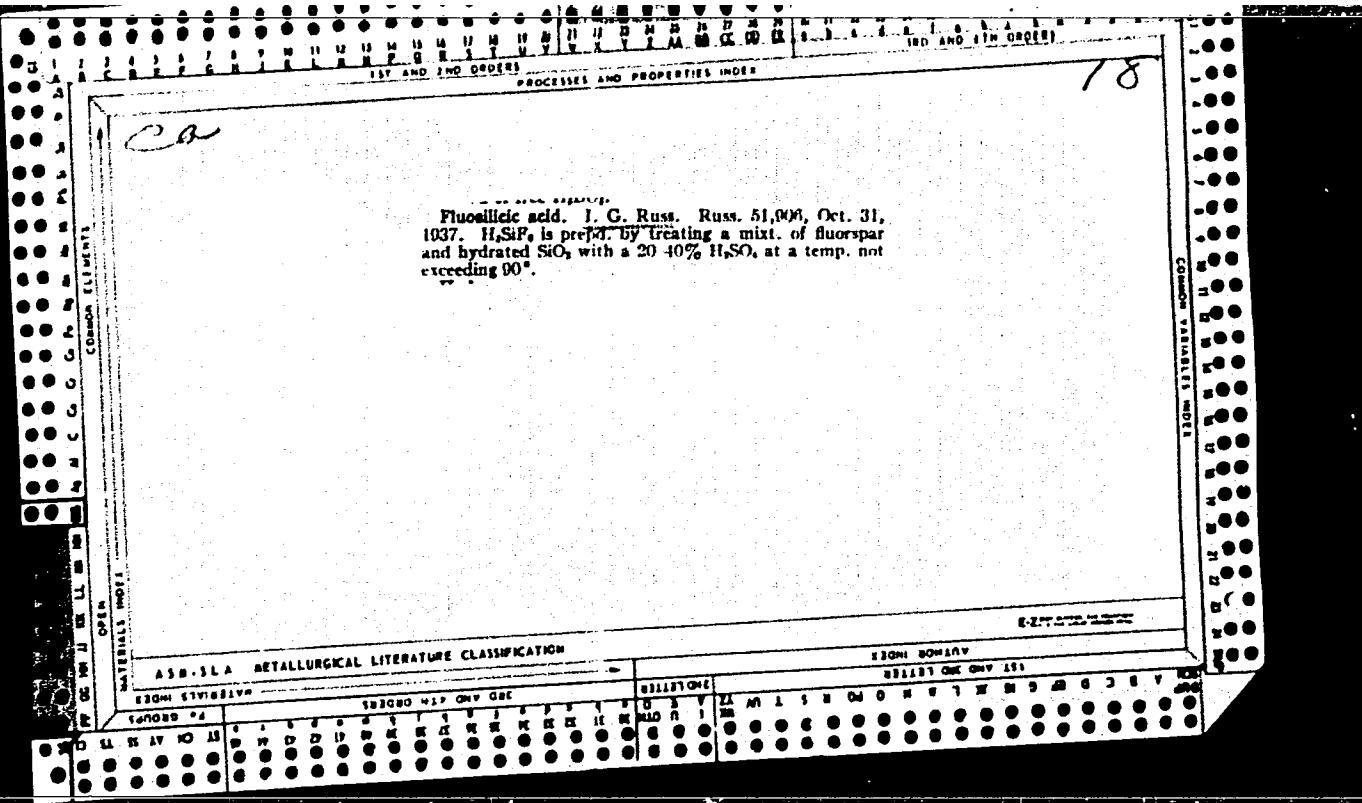
KUSS, C. New tasks in breeding geese. p. 115.

Monthly List of East European Accessions (EEAI) LC, Vol. 5, No. 5,  
May 1959, Unclass.









4538. INVESTIGATION OF SUBSIDENCE OF SANDSTONE ROOF BY MEANS OF  
MEASURING ROD. RUGA, J. (Przeglad Gorniczy, Nov. 1949, vol.  
5, 110-116). The investigation described was carried out  
at the Centrum mine in Bytom. A 2.5 m thick seam is worked  
at about 800 m depth by means of the longwall system with  
caving. There is a 20 m thick roof layer of sandstone. The  
length of the wall in advancing along the strike was 150 m; the  
inclination of the seam, 6°. Steel support was used. The  
depth of the lift was 2m. The upper and lower ways were  
protected by 6m wide strips of packing, reinforced by timber  
chocks. A 3<sup>rd</sup> layer of shale formed the floor. The next  
seam immediately above the sandstone in the roof was partially  
extracted. The measuring rod consists of two pipes sliding  
one into the other; to the outer pipe is fastened a centimeter  
scale, and there is also a slot 1.2 m long, through which moves  
a pointer fastened to the inner pipe. Measurements which moves  
been made in a niche excavated in the stowage strip of the  
upper way, at a distance of 4-5m from the face, twice every  
day, viz. during the coal getting shift and at the end of the

~~ABD-SEA METALLURGICAL LITERATURE CLASSIFICATION~~

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001446120019-3"

HORNET, N.N., dr.; FARCHI, A., dr.; RUSS, M., dr.; NUTU, J., chim.

Metabolic disorders in obesity. Med. intern. (Bucur) 16  
no.9:1079-1090 S '64.

1. Lucrare efectuata in Serviciul de boli interne (medic sef:  
dr. M. Russ) Laboratorul policlinici nr. 10, Bucuresti (medic  
sef: dr. E. Sandulescu).

RUSS, M.dr.

Considerations on the evolution of essential hypertension in connection with a clinical case. Med. intern. 15 no.12:  
1503-1506 D'63.

1. Lucrare efectuata la Polyclinica nr.10, Bucuresti.

\*

REDACTED

HUSS, H., MD.

Polyclinic No 10, Bucharest (Policlinica No. 10, Bucuresti)

Bucharest, Medicina Interna, No 12, Dec 63, pp 1503-1506

"Observations on the Evolution of Essential Polycythaemia  
with Special Reference to a Clinical Case."

WOLFSHAUT, C.; TEODORESCU, Em.; RUSS, M.

On 2 cases of diencepahlic disorders associated with phenomena of premature aging. Stud. cercet. endocr. 13 no.3:433-435 '62.

(DIENCEPHALON diseases) (AGING)  
(NEURASTHENIA complications)

RUMANIA/Microbiology - Microbes Pathogenic for Man and Animals. F  
Bacteria. Bacteria of the Intestinal Group.

Abs Jour : Ref Zhur Biol., No 22, 1958, 99417

Author : Voiculescu, M., Russ, M., Tomescu, C., Camuescu, V.,  
Adlersberg, R.

Inst :  
Title : On the Acute Infectious Diarrhea of Adults Treated in a  
Hospital for Infectious Diseases During 1955-1956

Orig Pub : Microbiol., parazitol. si epidemiol., 1957, 2, No 6,  
519-531

Abstract : No abstract.

Card 1/1

- 80 -

Ricardo M.

VOICULESCU, M., Prof.; RUSS, M., dr.; NEGREANU, W., dr.; CAMUESCU, Victoria, dr.; ADLERSBERG, R., dr.; MICHEL, P., dr.

Antibiotics and chemotherapy in acute dysentery in adults: comparative value of various therapeutic schedules. Med. int., Bucur. 9 no.4:525-535 Apr 57.

1. Clinica de boli contagioase I.M.F. din Bucuresti.

(DYSENTERY, therapy

antibiotics & chemother., in adults, comparative results of various combinations)

(ANTIBIOTICS, ther. use

dysentery, acute, in adults, with chemother. in various combinations)

(CHEMOTHERAPY, in various diseases

dysentery, acute, in adults, with antibiotics in various combinations)

RUSS, P.

Improve athletic activities in the primary organizations.  
Voen.znan. 25 no.9:4 S '49. (MIRA 12:12)

1. Predsedatel' TSentral'nogo komiteta Dobrovol'nogo obshchestva sodeystviya armii Estoniiskoy SSR.  
(Estonia--Physical education and training)

RUSS, S. M.

RUSS, S.M., prof. (Leningrad)

pyridoxine and its clinical significance. Klin.med. 35 no.9:42-53  
S '57. (MIRA 10:11)

1. Iz kafedry propedevtiki vnutrennikh zabolevaniy Leningradskogo  
sanitarno-gigiyenicheskogo meditsinskogo instituta.  
(VITAMIN B6  
pharmacol., defic. & clin. significance)

CA

11E

**Antivitamins and role of sulphonamides in vitamin metabolism.** S. M. Russ. *Klin. Med. U.S.S.R.* 28, No. 4, 3-12 (1930).—The growth of rats is inhibited by sulfathiazole which effect is overcome by vitamin B<sub>1</sub>. The amt. of vitamin B<sub>1</sub> excreted in the urine or deposited in tissues such as liver, brain, muscle, or heart is increased by administration of sulfathiazole or of vitamin B<sub>1</sub> and in particular by simultaneous administration of both. The nicotinic acid of liver, brain and mucous membrane was slightly increased after administration of sulfulin and somewhat more after administration of nicotinic acid and sulfidin. H. L. Williams

KUNAYEV, I.V.; RUSS, V.V.

Some characteristics of the metallogeny of the Sikhote-Alin' Range and the Amur Valley. Sov. geol. 7 no.7:103-111 J1 '64.  
(MIRA 17:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.

NICOLAU, I.; GHITA, N.; RUSS, V.; BERCOVICI, M.; MANESCU, M.; OLARU, A.

Hormone treatment in Bouillaud-Sokolski's rheumatism in children.  
Stud. cercet. med. intern. 2 no.2:191-201 '61.

1. Membru correspondent al academiei R.P.R. (for Nicolau).  
(RHEUMATIC HEART DISEASE therapy)  
(ADRENAL CORTES HORMONES therapy)

NICOLAU, I., prof.; GHITA, N., dr.; RUSS, V., dr.; BERCOVICI, M., dr.

The value of clinical and biological tests in Sokolski-Bouillaud's rheumatism in children. Med. intern., Bucur 12 no.9:1345-1350 S '60.

L. Membru correspondent al Acad. R.P.R. (for Ghita).  
(RHEUMATIC HEART DISEASE, in inf. & childh.)

RUSS, V.V.

Early Mesozoic granitoid intrusive rocks in the northern and  
central parts of the Korean People's Democratic Republic. Trudy  
VSEGEI 100:58-75 '63. (MIRA 17:3)

IZOKH, E.P.; KOLMAK, L.M.; NAGOVSKAYA, G.I.; RUSS, V.V. KUREK, N.N., red.;  
GODOVIKOVA, L.A., red.izd-va; AVERKIYEVA, T.A., tekhn.red.

[Pozdnemezozoiskie intruzii tsentral'nogo Sikhote-Alinia i  
sviaz' s nimi orudneneniiia. Moskva, Gos. nauchn.-tekhn. izd-vo  
soiuznyi geologicheskii institut. Trudy, vol.21). (MIRA 11:4)  
(Sikhote-Alin' Range--Mineralogy)

RUSSAK, B.V.

Using synthetic slag in the production of high-grade electric  
steel at the Chelyabinsk metallurgical plant. Met. i gornorud.  
prom. no.4:77-78 Jl-Ag '64. (MIRA 18:7)

MELENT'YEV, L.A.; SHTEYNGAUZ, Ye.O.; RUSSAKOVSKIY, Ye.A., prof., retsenzent;  
YELOKHIN, Ye.A., red.; LARIONOV, G.Ye., tekhn.red.

[Economics of the production and utilization of power in the  
U.S.S.R.] Ekonomika energetiki SSSR. Moskva, Gos.energ.izd-vo,  
1959. 395 p. (MIRA 12:4)  
(Power resources)

VENIKOV, V.A.; VYTS, V.I.; GLAZUNOV, A.A.; GHUDINSKIY, P.G.; PROBST, A.Ye.;  
PETROV, G.N.; HUSSAKOVSKIY, Ye.A.; SHERSHOV, S.F.; TIKHESHKOV, B.A.

In memory of Doctor of Economics and Technology Professor S.A.  
Kukel'-Kraevskii; on the occasion of the 75th anniversary of his  
birth. Elektrичество no.7:91-92 J1 '58. (MIRA 11:8)  
(Kukel'-Kraevskii, Sergei Andreevich, 1883-1941)

RUSSANOVA, A.I.

Aging phenomena in zinc sulfide luminophores. Trudy Tsentr.nauch.  
issl.inst.rentg. i rad. 9:146-154 '55. (MLRA 9:12)  
(LUMINISCENCE) (ZINC SULFIDE)

RUSSAY, Gyorgy, dr.

Problems of rhinogenic retrobulbar neuritis in connection with our surgical cases. Ful orr gegegyogy. No.1:31-34 Mar 57.

1. A Pestmegyei Tanacs Semmelweis Korhaza Orr-Gegeosztalyanak  
(foorvos: Rethi, Aurel, dr.) kozlemenye.

(NERVES, OPTIC, dis.

rhinogenic retrobulbar neuritis, surg. indic. & technics  
(Hun))

(NEURITIS, surg.

rhinogenic retrobulbar neuritis, indic. & technics (Hun))

RUSSAKOVSKII, E. A.

Characteristics of the major river developments. The Big Volga. (In Electric power development in the U.S.S.R. Moscow, 1936, p. 445). DLC: TK85.E6 1936

SO: SOVIET TRANSPORTATION AND COMMUNICATION, A BIBLIOGRAPHY, Library of Congress,  
Reference Department, Washington, 1952, Unclassified.

RUSSAKOV'S II, E. A.

Characteristics of the major river developments. The Big Dnieper. Transportation.  
(In Electric power development in the U.S.S.R. Moscow, 1936. p. 451-453 map).  
DLC: TK85.E6 1936

SO: Soviet Transportation and Communications. A Bibliography, Library of Congress,  
Reference Department, Washington, 1952, Unclassified.

RUSSAKOVSKII, E. A.

The Angara and the Yenisei. Transportation. (In Electric power development in the U.S.S.R. Moscow, 1936, p. 470-473, map). DLC: TK85.E6 1936

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SO: Soviet Transportation and Communication, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

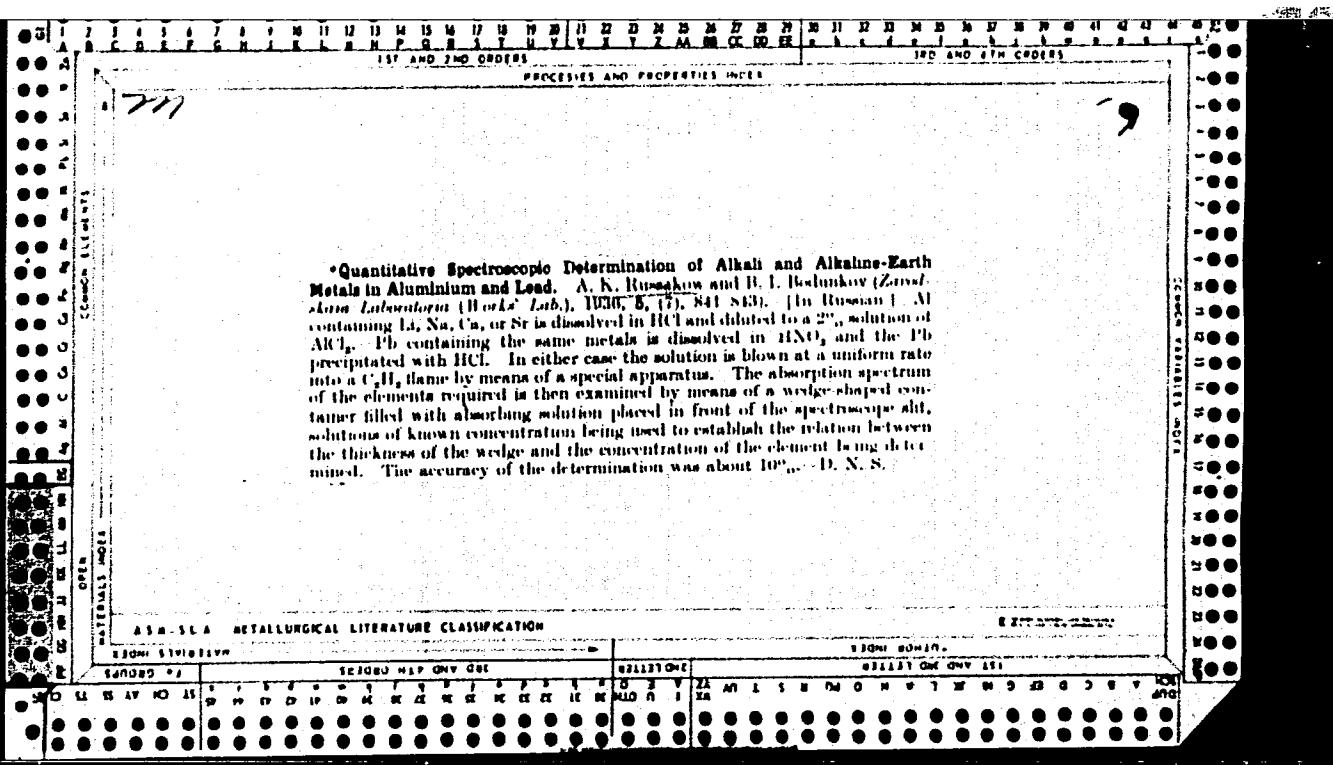
RUSSAKOVSKII, E.

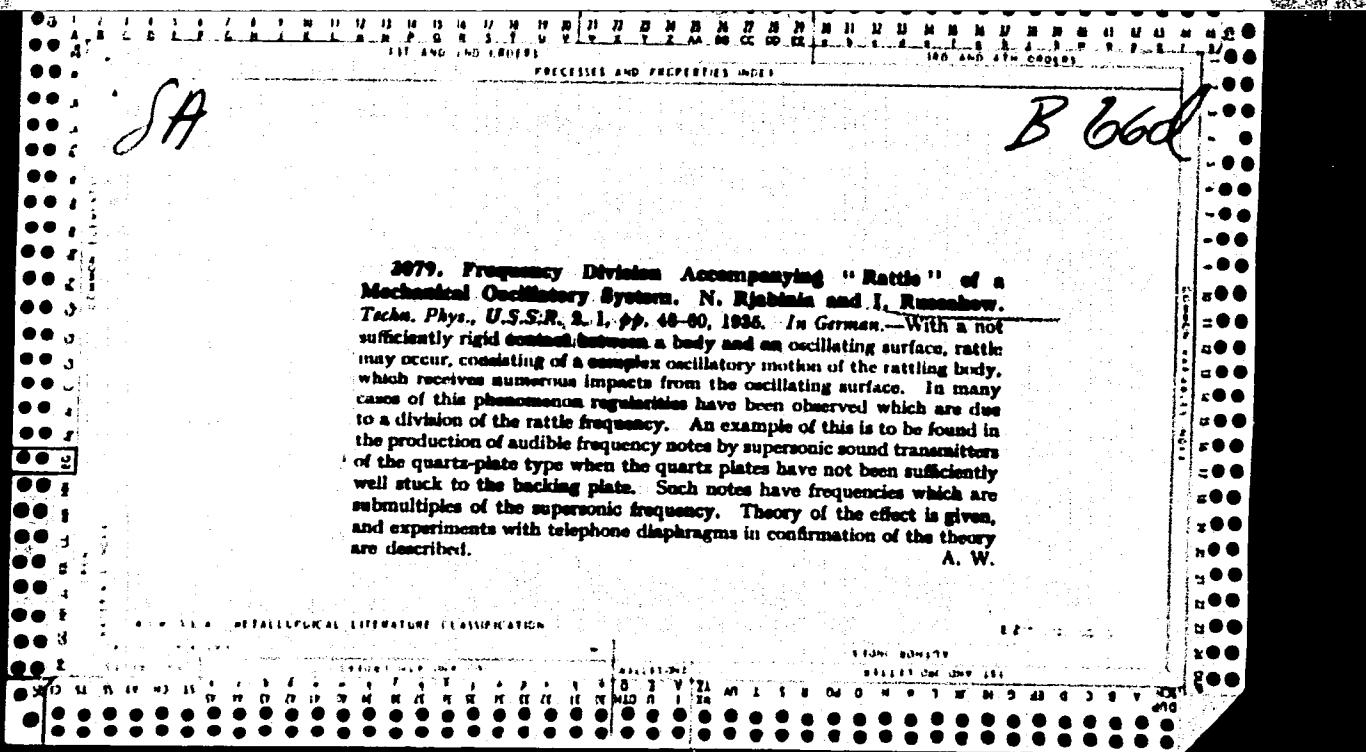
"Development of sources of electric power in the USSR in the fifth  
Five-Year Plan. Tr. from the Russian." p. 357.  
(PRZEGLAD TECHNICZNY. Vol. 75, No. 10, Oct. 1954. Warszawa, Poland)

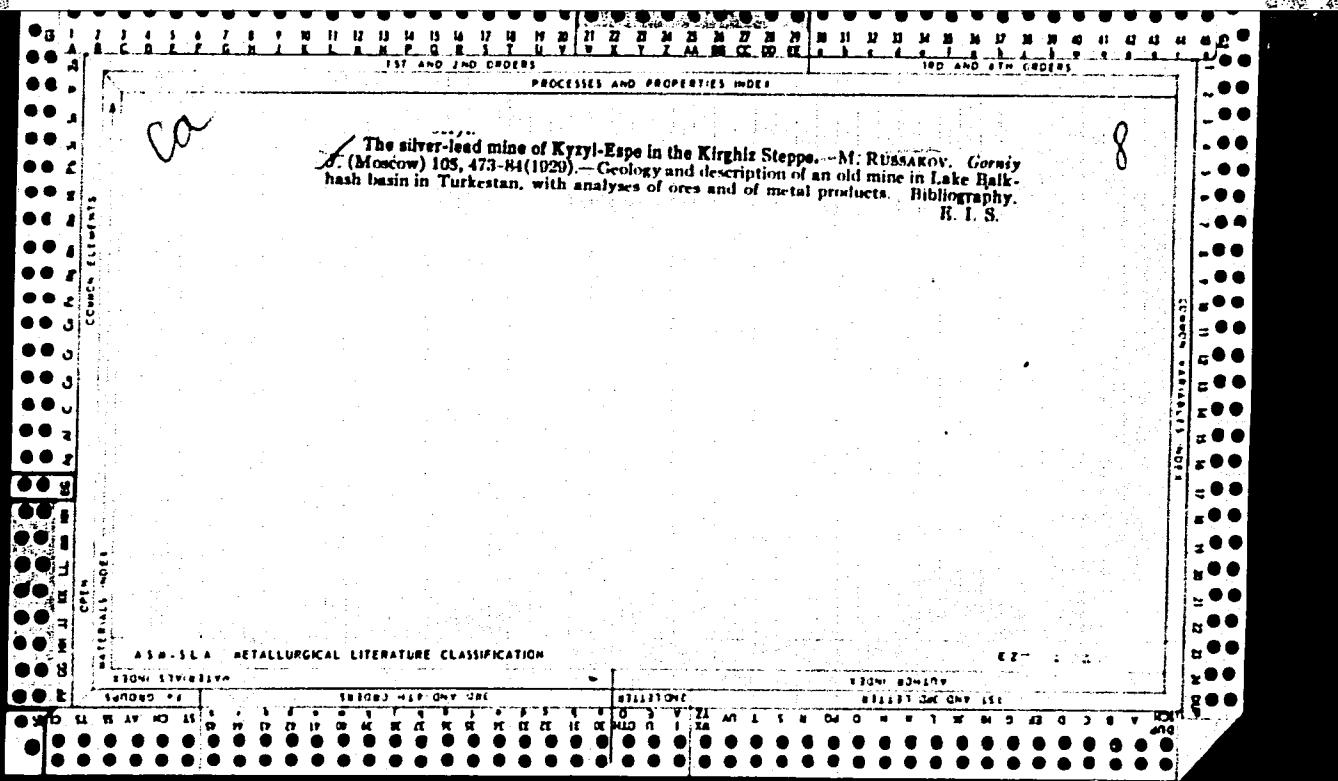
SO: Monthly List of East European Accessions. (EEAL). IC. Vol. 4, No. 4.  
April 1955. Uncl.

MELENT'YEV, Lev Aleksandrovich; SHTEYNGAUZ, Yevgeniy Oskarovich;  
RUSSAKOVSKIY, Ye., prof., retsenzent; UCORTS, I.I., inzh.,  
retsenzent; YELOKHIN, Ye.A., red.; YEFREMOV, V.K., red.;  
BORUNOV, N.I., tekhn. red.-

[Economics of the power supply of the U.S.S.R.] Ekonomika  
energetiki SSSR. Izd. 2., perer. i dop. Moskva, Gosenergo-  
izdat, 1963. 430 p.  
(Power resources)

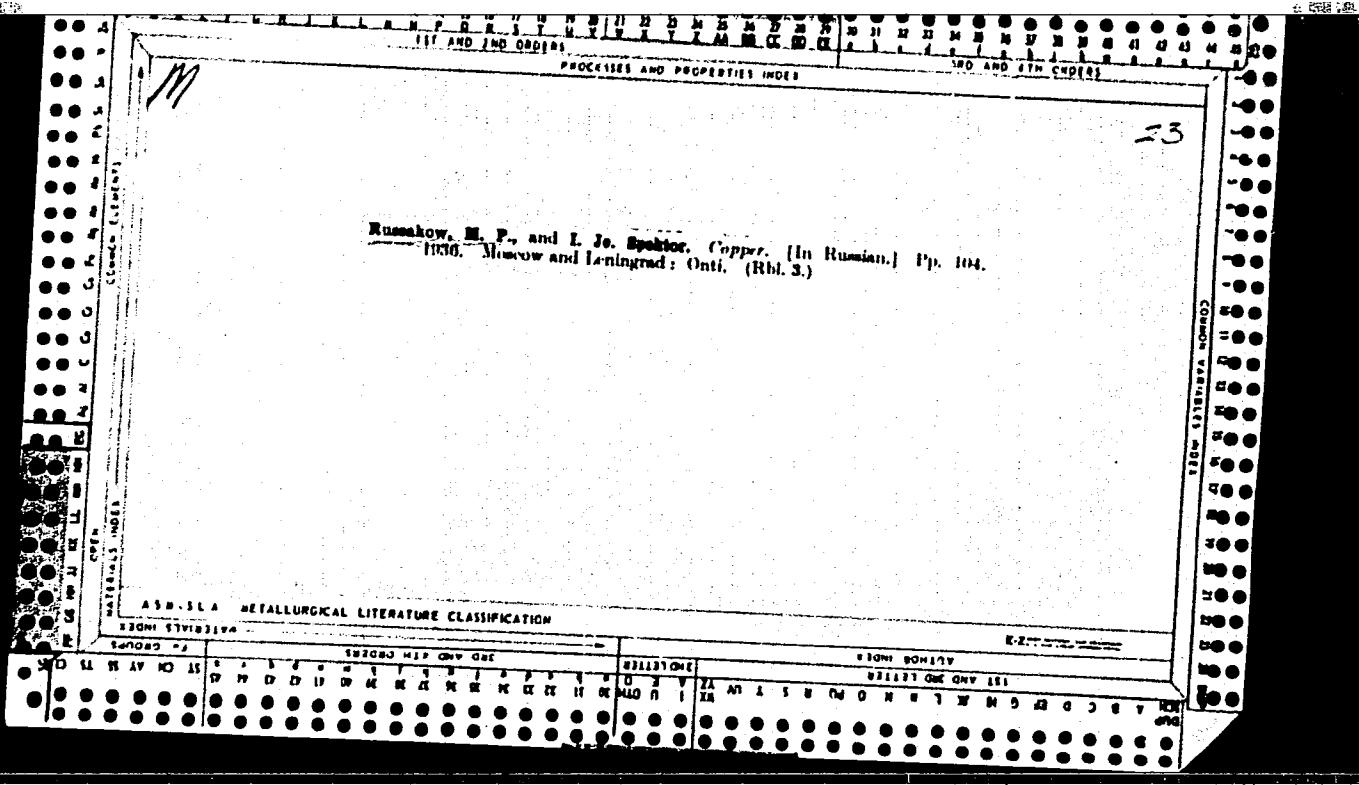






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CIA-RDP86-00513R001446120019-3



APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446120019-3"

RUSSANOV, A. K.

USSR/Metals  
Indium  
Tin

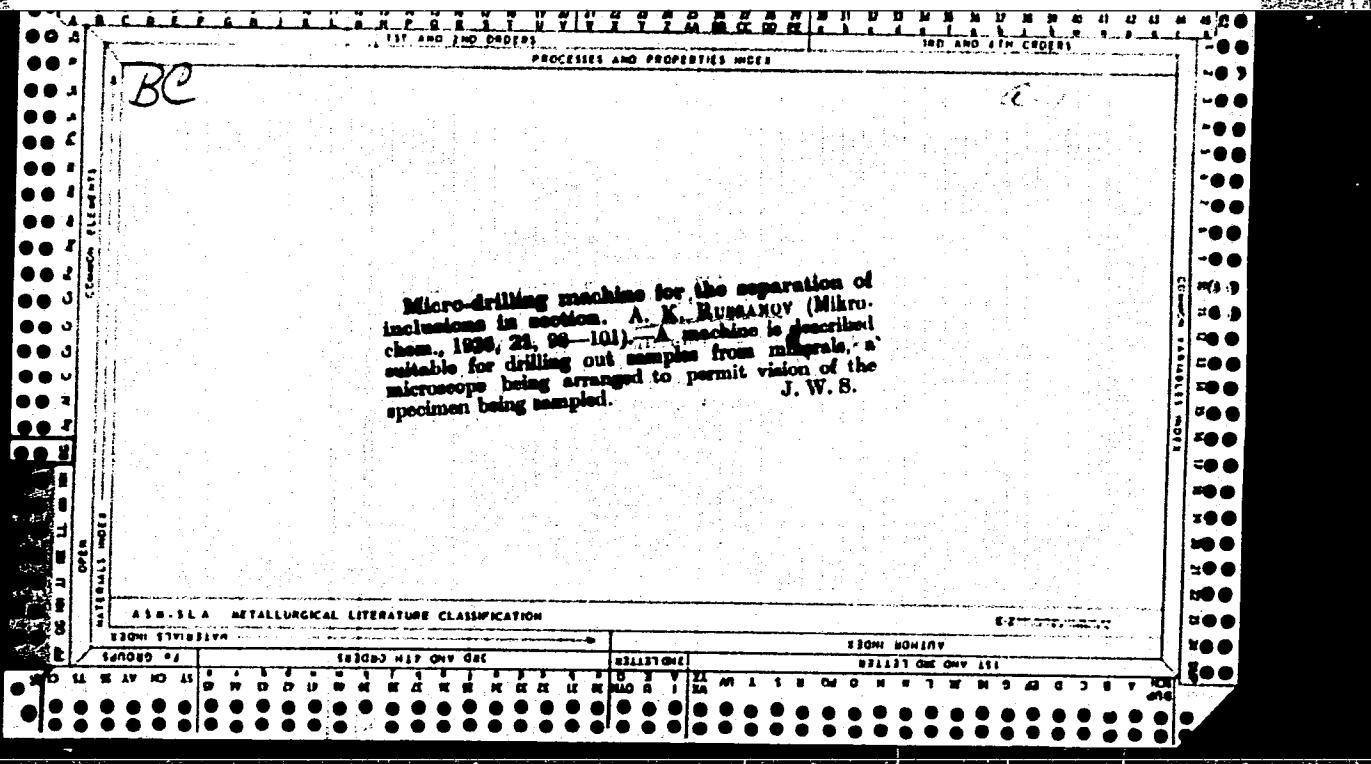
Sep 1946

"Indium in the Tin-Ore Deposits of the Far East," M. I. Itsikson, A. K. Russanov, 2 pp

"Comptes Rendus (Doklady)" Vol LIII, No 7

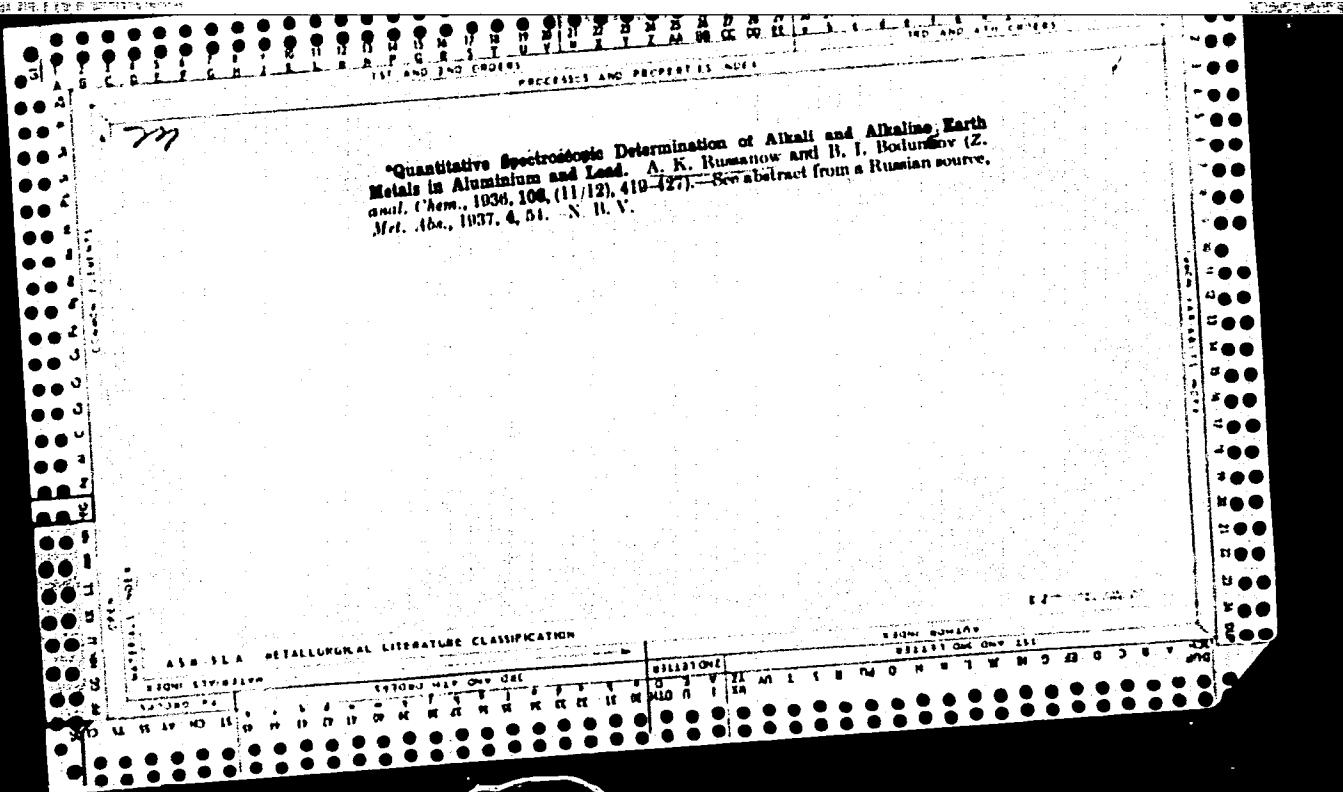
Discussion is made of the spectroscopic analysis of 72 cassiterite specimens taken from the Middle and Lower Amur region and Sikhote-Alin. Conclusions are reached that the tin-ore region in the east and northeast Soviet Union is also an indium region. Highest concentrations of indium should be found in cassiterites of sulfide-cassiterite formation and in ligniform stone from xenothermal deposits near the surface.

PA 21T102



"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446120019-3



APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446120019-3"

RUSSANOV, E.; BAEVSKA, P.

Semiquantitative spectrochemical determination of trace elements  
in blood and plasma. Dokl. Bolg. akad. nauk 17 no.5:519-521 '64.

1. Vorgelegt von korresp. Akademiemitglied P. Nikolov.

BURMAN V. V. [Burenov, V. V.]; BALEVSKA, T.

Semi quantitative spectrochemical determination of trace elements  
in blood and plasma. Doklady BAN 17 no. 58519-521 '64

1. Vorgelegt von Korresp. Akademermitsglied V. Mikolev.

IVANOVA, V.S.; SABITOVA, N.S.; RUSSAVSKAYA, I.D.

Methods of exposing dislocations in deformed metals. Zav.lab. 29  
no.2:193-197 '63. (MIRA 16:5)

1. Institut metallurgii imeni A.A.Baykova.  
(Dislocations in crystals) (Dislocations in metals)

GLIGORE, V., conf.; DUTU, Al., dr.; ARMEANU, V., dr.; RUSSE, M., dr.;  
GUTUSI, C., dr.

Contributions to the study of severe blood eosinophilia.  
Med. intern., Bucur 12 no.7:1053-1060 J1 '60.  
(HAY FEVER, diagnosis)

GIURDARIU, P., dr.; GHERMAN, Gr., dr.; RUSSE, M., dr.; TICLETE, I., dr.

On some etiological factors in chronic cor pulmonale. Med. intern. (Bucur) 17 no.6:709-714 Je'65.

1. Lucrare efectuata in Clinica a II-a medicala, Institutul medico-farmaceutic, Cluj (director: prof. V. Gligore).

RUSSEFF, Christo [Khristo Rusev] dr.

Changes of virulent virus strains of the Newcastle disease in heterogeneous tissue culture during their passage. Magy allatorv lap 17:  
19-12 S '62.

1. Allatorvosi Viruskiserleti Intezet, Szofia.

RUSSEV, B. [Rusev, B.]

Anthropegenous lithorheophile cenosis in the Bulgarian part of  
the Danube River. Doklady BAN 16 no.5:545-547 '63.

1. Vorgelegt von korresp. Akademiemitglied A. Valkanov.

BUKOV, Georgiy Vasil'yevich

"Organizatsiya i ekonomika svyazi soiuznykh predvorok. Kiyev,  
Znachenie v SSSR, 1966.

315 p., charts, diagrs, graphs, tables.

Bibliography: p. 312

RUSSEV, Georgiy Vasil'evich; LUPANDIN, I., red.; MATUSEVICH, S.,  
tekhn.red.

[Organization and economics of automotive transportation]  
Organizatsiya i ekonomika avtomobil'nykh perevozok. Kiev,  
Gos.izd-vo tekhn.lit-ry, 1960. 315 p.

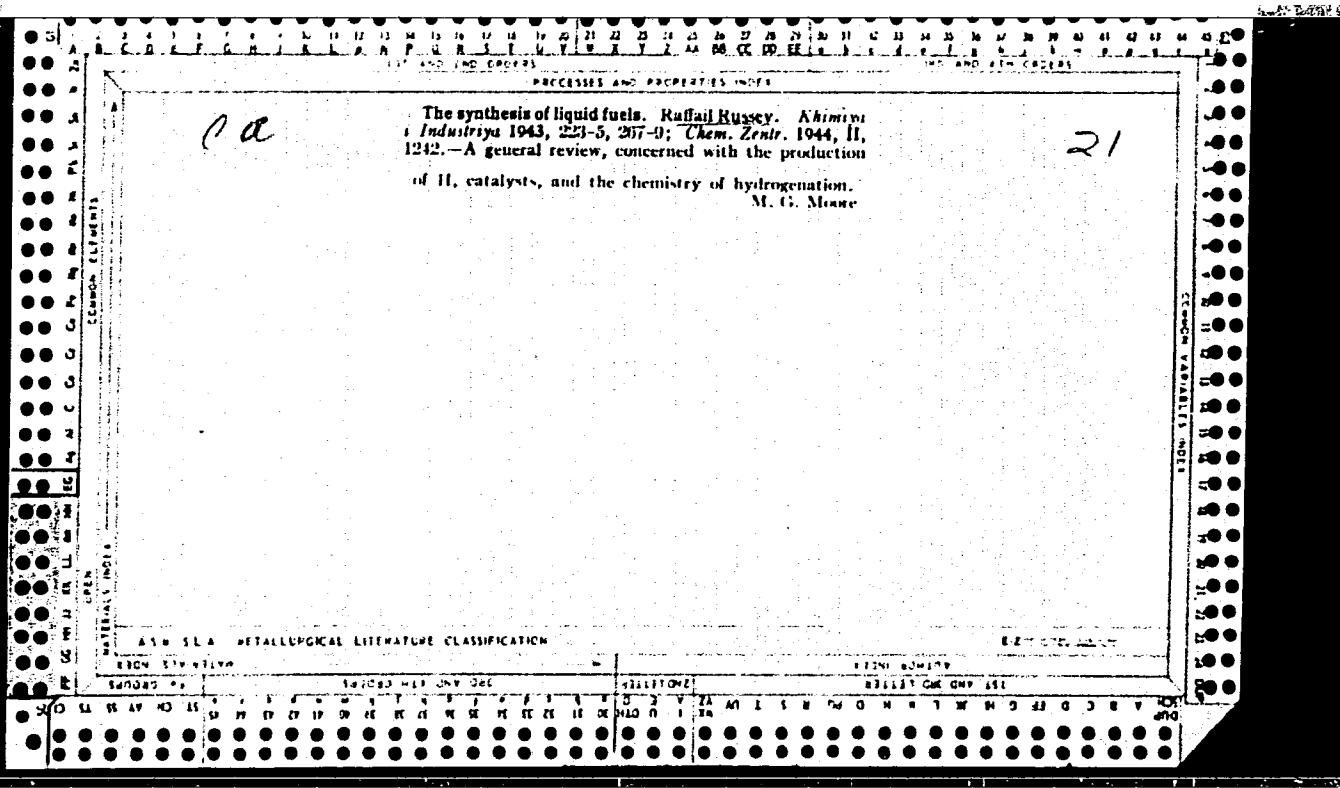
(MIRA 14:3)

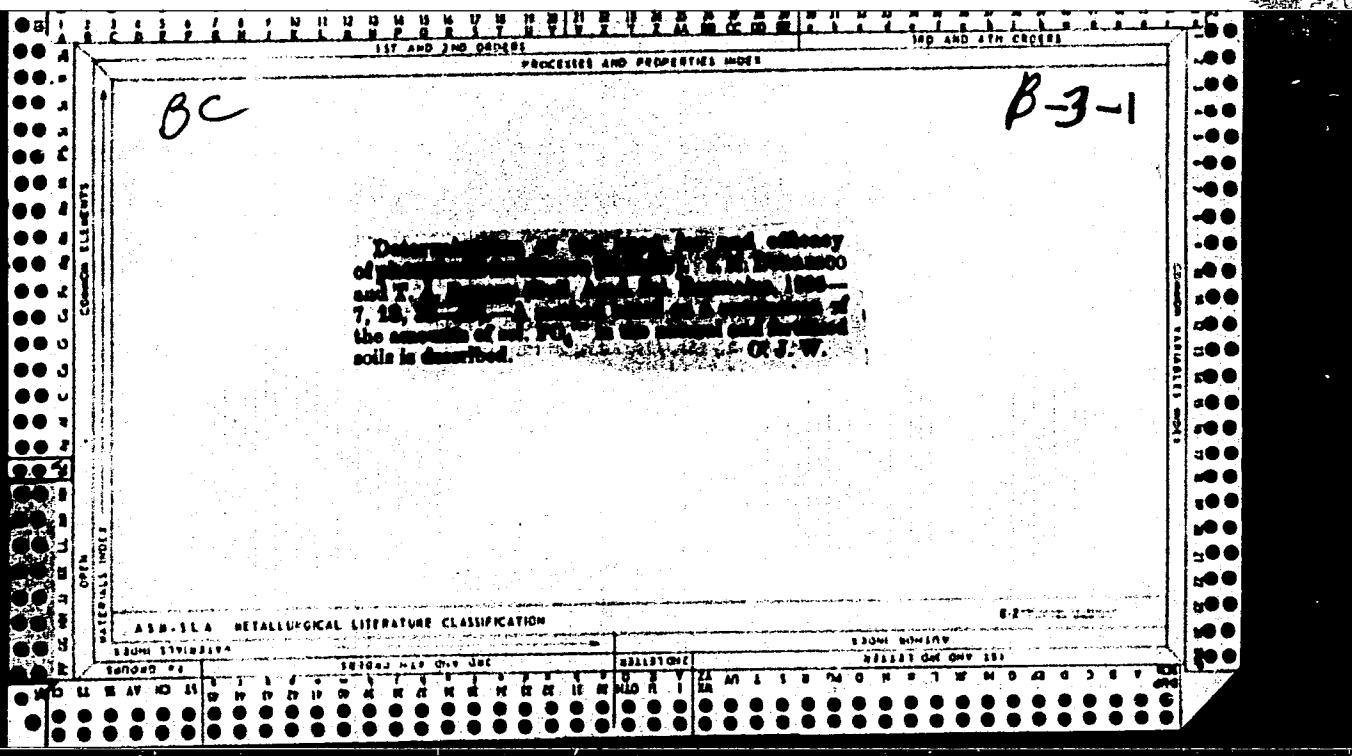
(Transportation, Automotive)

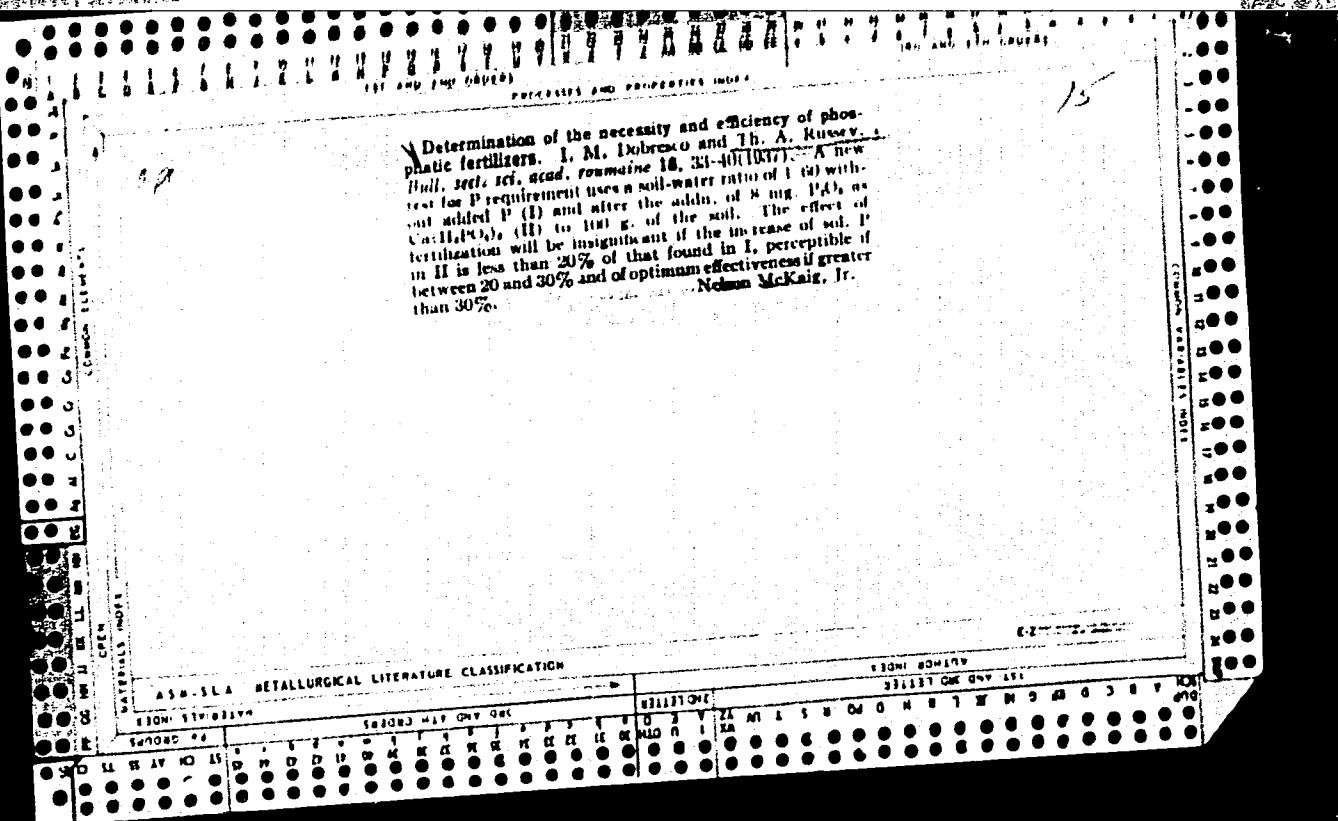
RUSSEN, V. I.

PINK, L. Ye.; RUSSEN, V. I.

Unit used in brickmaking by means of semidry dressing technique.  
Stroi i dor. mashinostr. 2 no. 8:22-25 Ag '57. (MLRA 10:9)  
(Brickmaking machinery)







RUSSEV, V.V.; MAKUL'KIN, R.F.

Modified method for the preparation of "isolated brain" (cerveau isolé). Fiziol.zhur. 45 no.9:1148-1149 S '59. (MIRA 13:1)

1. Kafedra normal'noy fiziologii Meditsinskogo instituta im. N.I. Pirogova, Odessa.  
(BRAIN physiol.)

SERKOV, F.N.; MAKUL'KIN, R.F.; RUSSEV, V.V.

Effect of section of the brain stem and thalamic radiation on the  
electrical activity of the brain. Fiziol. zhur. 46 no. 4:408-417  
Ap '60. (MIRA 13:10)

1. From the Normal Physiology Chair of the Medical Institute, Odessa.  
(BRAIN)

SERKOV, F.N. [Sierkov, P.M.]; RUSSEV, V.V. [Russiev, V.V.]

Secondary electric response of the cerebral cortex. Fiziol. zhur.  
[Ukr.] 8 no.1:45-53 Ja-F '62. (MIRA 15:2)

1. Kafedra normal'noy fiziologii Odesskogo meditsinskogo instituta.  
(CEREBRAL CORTEX) (ELECTROPHYSIOLOGY)

MARMUR, R.K.; RUSSEVA, N.V. (Odessa)

Activity of the heart in cerebral embolism. Vrach. delo no.7:  
64-67 Jl'63. (MIRA 16:10)

1. Kafedra patologicheskoy fiziologii (zav. - prof. N.N.Zayko)  
meditsinskogo instituta imeni N.I.Pirogova i nauchno-issledo-  
vatel'skogo instituta glaznykh bolezney i tkanevoy terapii imeni  
akademika V.P.Filatova.

(EMBOLISM) (ELECTROCARDIOGRAPHY)  
(CEREBROVASCULAR DISEASE)

RUSSINKOVSKIY, I.P., inzh.

Surface hardening of steel parts by means of high-frequency  
current heating under a liquid layer. Vest. mashinestr. 43  
no.6:53-58 Je '63. (MIRA 16:7)

(Surface hardening)

RUESSINKOVSKIY, I.P.

Surface hardening by induction heating in a liquid. Stan. i inistr.  
36 no.5:31-32 My '65. (MIR 18:5)

ACC NR: AP6028719

SOURCE CODE: UR/0122/66/000/008/0059/0063

AUTHORS: Lozinskiy, M. G. (Doctor of technical sciences, Professor); Russinkovskiy, I. P. (Engineer)

ORG: none

TITLE: Intensification of surface hardening processes of steel and cast iron parts during high frequency induction heating under a fluid

SOURCE: Vestnik mashinostroyeniya, no. 8, 1966, 59-63

TOPIC TAGS: surface hardening, steel, ferrite, magnetic material, induction hardening, F<sub>2</sub>-100 ferrite, I4 magnetic material, I5 magnetic material, 45 steel, 50 steel, 40 Kh steel, 40 KhN steel, ShKh15 steel

ABSTRACT: The first part of the report discusses the improved performance of induction heaters at 60--400 kcps when ferrite F<sub>2</sub>-100 or magnetic materials I4 or I5 are used as magnetic conductors. A special dual-inductor geometry (developed by the authors) is described. The cooling rates in water, in a 30% water solution of glycerin, and in oil after surface induction heating were investigated on plate specimens (30 x 100 x 200 mm) of steels 45, 50, 40 Kh, 40 KhN, and ShKh15, on tube specimens (200 mm in diameter, 15 mm wall thickness, 200 mm long) of steel 40Kh, and on rods (40 mm in diameter, 120 mm long) of steel 40Kh. Curves of the cooling rates as a function of surface temperature are presented. The hardening effects of surface

Card 1/2

UDC: 621.785.5:621.3.023

ACC NR: AP6028719

induction heating under a fluid are discussed qualitatively and, to some extent, quantitatively. Equipment is described for induction surface hardening of hollow cylinders (inside), of cylindrical parts (outside), and of large machine parts, and schematic diagrams of equipment configurations are presented. It is concluded that surface hardening by induction heating under a fluid has a bright future. Orig. art. has: 7 figures and 1 table.

SUB CODE: 11, 13/ SUBM DATE: none/ ORIG REF: 011

Card 2/2

Russinkovskiy, I. P.

Call Nr: None given

AUTHOR: Russinkovskiy, I. P.

TITLE: New Methods of Induction Heating (Novoye v praktike  
induktsionnogo nagreva)

PUB. DATA: Gosudarstvennoye nauchno-tehnicheskoye izdatel'stvo  
mashinostroitel'noy literatury, Moscow-Lenigrad, 1957,  
65 pp., 6000 copies.

ORIG.AGENCY:None given

EDITOR: Donskoy, A. V., Doctor of Technical Sciences; Chief Ed.  
for Machinery Literature of the Leningrad Branch of the  
Publishing House, Bol'shakov, S. A., Eng.; Tech. Ed.:  
Sokolova, L. V.; Reviewer: Mondrus, D. B. Candidate of  
Technical Sciences.

PURPOSE: The booklet is intended for the technical personnel of  
machine-building plants, and its purpose is to help ex-  
pand the use of high frequency current heating for case-  
hardening.

Card 1/5